

## Notes for December 29, 2004 meeting at SAIC

### Handout

- revised PCE, TCE, Freon 11, Freon 113 plume maps, composite of historical and June 2004 data
- map with suspected source areas/contaminated sites from CH2M HILL's records review
- map with suspected source areas/contaminated sites from WDI report
- map with suspected source areas/contaminated sites from Angeles report

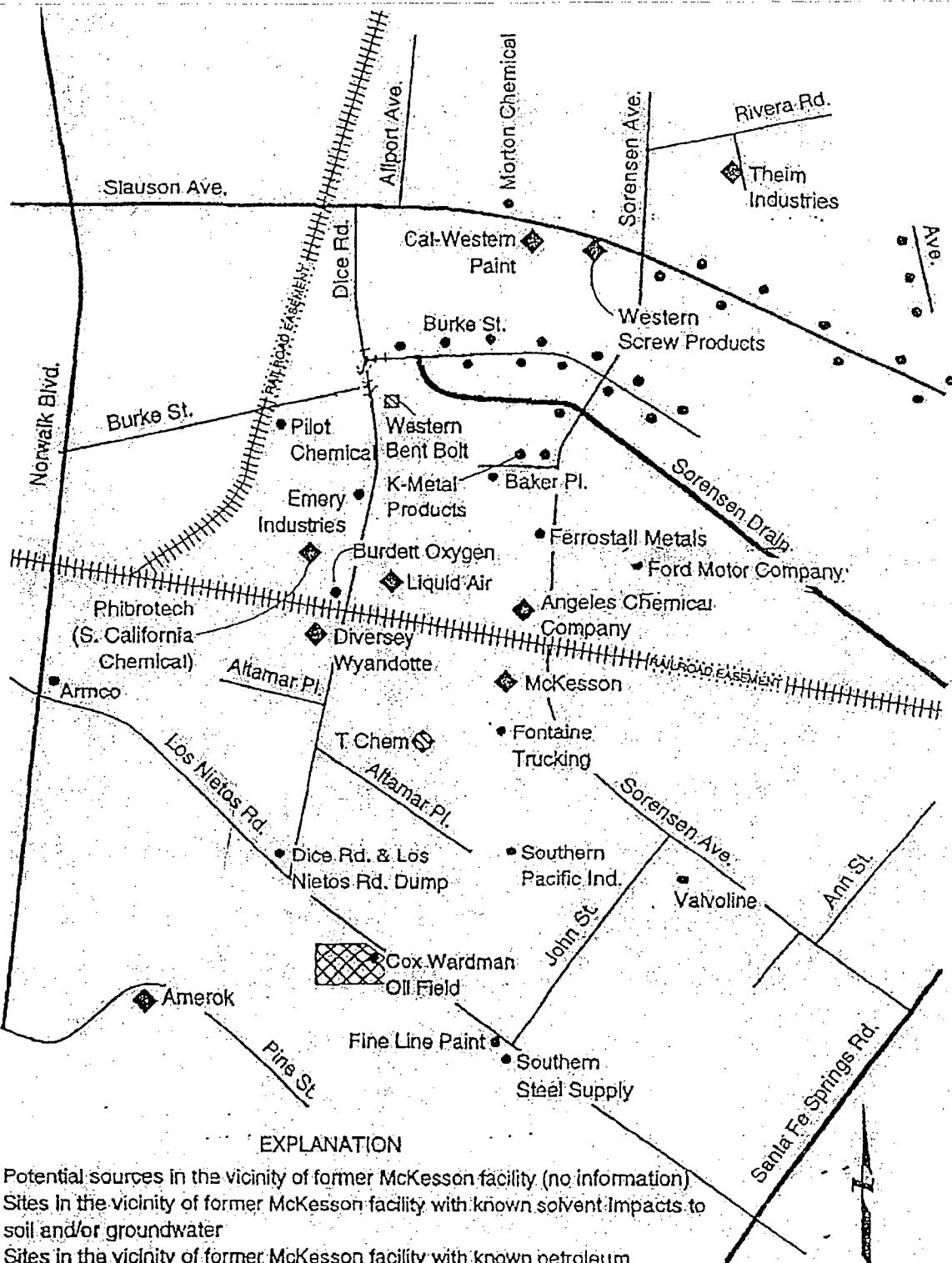
### Discussion

- Omega history
  - operations prior to Omega Chemical 1976-1995
  - SAIC searching now (?)
    - when Omega started accepting freons? waste manifest search
    - confirm sources of freons, match with sites within OU-2; same for VOCs
    - Bachelor Chemical Corp. 1971 - ?, VOCs
    - Fred Rippy property – machine shop ~1950, no VOCs
- SFS#1 Well
  - SAIC's records search
  - Techni Braze
  - Earl Manufacturing
- WDI
  - off-site source
  - contamination cross-gradient relative to Omega
  - TCE, PCE concentrations increase with depth
  - shallow contamination continuous
  - SAIC -> search upgradient between Santa Fe Springs Rd., Greenleaf Av., Los Nietos Rd., Whittier Blv.

- Sites from WDI, Weston, and Angeles Reports
  - map from Weston rpt.
  - map from WDI rpt.
  - map from Angeles rpt.

#### **Draft Memos for EPA**

- contaminant migration (comparison of Omega with other sites)
- CH2M HILL's agency records review

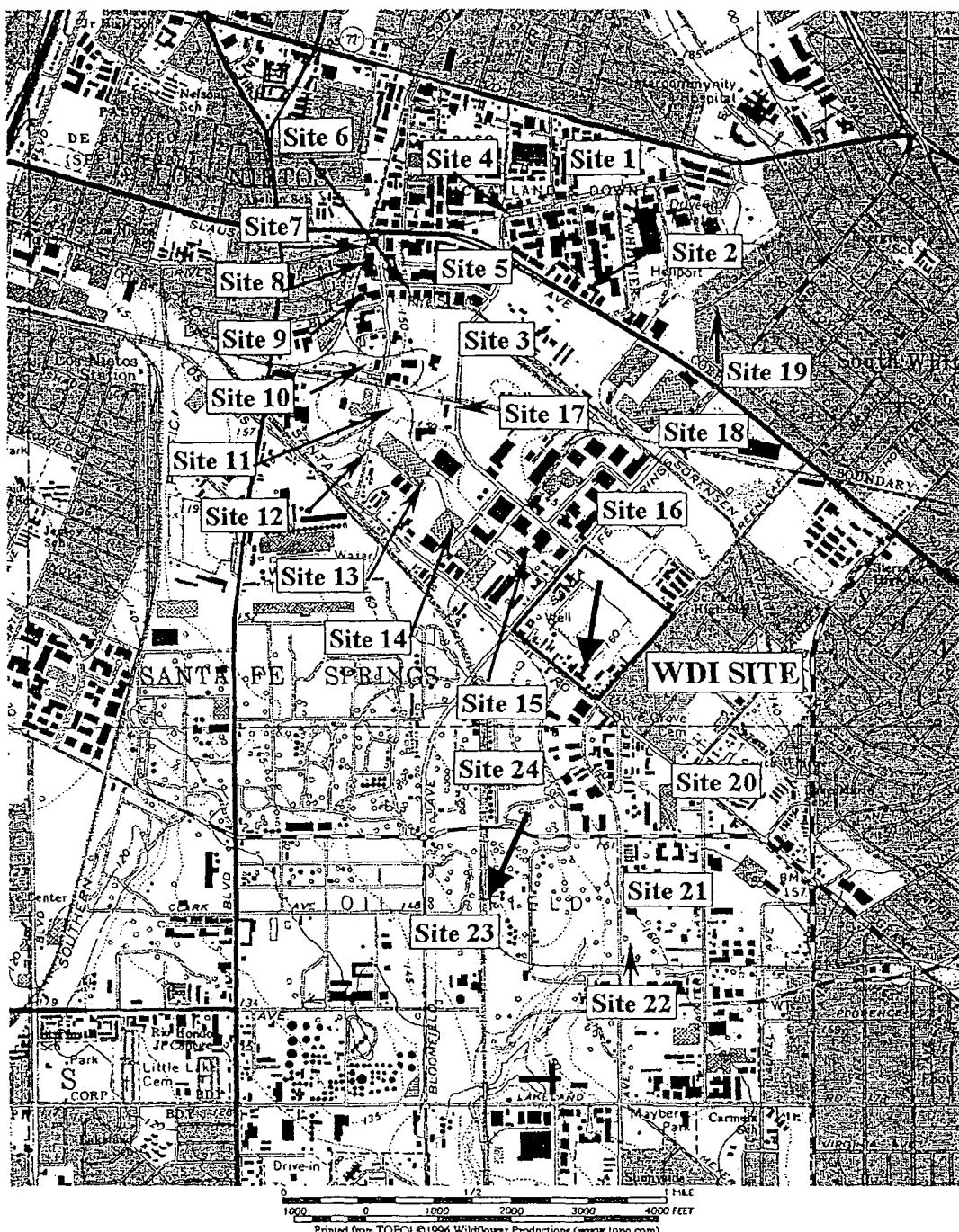


Shaw® Shaw E & I

Angeles Chemical Company Site  
Santa Fe Springs, CA

Site Characterization  
February 2004

Figure 1-2  
Neighboring Sites with Environmental Issues



N

LEGEND

Site1 Chemical Release Site

Groundwater Flow Direction

Chemical Release Sites in Vicinity of WDI

Santa Fe Springs, CA

Groundwater Data Evaluation Report

**Table 5-3: Chemical Release Sites in Vicinity of WDI**  
**Santa Fe Springs, California**

Site ID (Fig. 5-2)	Site Name	Address (Santa Fe Springs)	Distance from WDI (miles)	Direction from WDI	Nature of Release
1	Foss Plating Co. Inc.	8140 Secura Way	1.1	N	TCE release - 11,200 lbs.
2	Santa Fe Enameling Metal Finishing	8427 Secura Way	0.8	N	TCE release - 13,100 lbs.
3	Catellus Development Corp.	12140 Slauson Avenue	0.8	N	Leaking UST of VOCs
4	Cal-Tron Plating Inc.	11919 Rivera Road	1.0	N	TCE release - 15,800 lbs.
5	Techni Braze, Inc.	11845 Burke Street	0.9	NW	Leaking UST of VOCs (CERCLIS site)
6	Parker Hannifin Corp.	11808 Burke Street	1.0	NW	TCE release - 13,000 lbs.
7	Aerospace Rivet Mfg. Corp.	8535 Dice Road	1.0	NW	Unknown chemical release (CERCLIS site)
8	West Bent Bolt	8623 Dice Road	1.0	NW	Unknown chemical release (CERCLIS site)
9	Wilco Corporation	8733 S. Dice Road	0.9	NW	Many chemical spills - unknown, ethylene oxide, diethanolamine
10	Southern California Chemical	8851 Dice Road	0.8	NW	Many chemical spills - unknown, copper chloride, HCl
11	Diversey Wyandotte Corp.	8921 Dice Rd.	0.8	NW	Many corrective actions - "Stabilization Measures Evaluation", CERCLIS
12	Mobil INSP Service Inc.	9110 S. Dice Road	0.7	NW	60 gal. benzene release to storm drain
12	T-Chem Products	9028 S. Dice Road	0.7	NW	Unknown chemical release - 1,377 lbs.
13	Wilco Corp., Oleo/Surfactants Group	12143 Altamar Place	0.5	NW	Unknown chemical release - 500 lbs.
14	Valvoline Oil Co.	9520 S. John Street	0.4	NW	Unknown chemical release - 300 lbs.
15	Associated Plating Co.	9636 Ann Street	0.2	NW	PCE release - 14,500 lbs.
16	Calavar Corporation	9200 Sorensen Avenue	0.5	NW	Leaking UST of VOCs
17	McKesson Chemical Corporation	9005 Sorensen Avenue	0.6	NW	Leaking tank of unknown substance
17	Peterson/Puritan Inc.	9101 S. Sorensen	0.5	NW	Leaking solvents tank
18	Rifkin Realty Partners	9300 Santa Fe Springs Road	0.4	N	Leaking tank of unknown substance
18	Salz Leather	9215 Santa Fe Springs Road	0.4	N	Leaking tank of unknown substance
18	PFI, Inc.	9215 Santa Fe Spring Road	0.4	N	Xylene release - 1,500 lbs.
19	UNK Vehicle	8922 S. Nogal	0.8	N	Unknown chemical release
20	Nadar's Cleaners	13401-13473 E. Telegraph Rd.	0.8	SE	Leaking tank of VOCs
21	Ashland Chemical	10505 S. Painter Avenue	0.7	S	Leaking solvents tank
22	Yozya Development Shoemaker Industrial Park	10600 Shoemaker Avenue	0.7	S	Soil contaminated with crude oil former Mobil Oil Co. property
23	McGranahan, Carlson, and Co. Commerce Center II	Florence & Shoemaker Avenue	0.8	S	Site has been, and in some places continues to be, an oil production field (as of 1991)
24	PMC Specialties Group	10051 S. Romadel	0.42	SW	Leaking solvents tank

**Table 5-4: Groundwater Monitoring Sites in the Vicinity of WDI  
Santa Fe Springs, California**

Site ID (Figure 5-3)	Groundwater Investigation Sites		Distance from WDI (miles)	Summary of Groundwater Sampling Results			Remarks / Site Features	References
	Property Name and Address (Santa Fe Springs)	Number of Groundwater Wells		Sampling Date	Analyses Conducted	Maximum Concentration of Selected Parameter ( $\mu\text{g/L}$ )		
A	Technl-Braze, Inc. 11845 Burke Street	4 monitoring wells	1.0	1991	VOCs	PCE TCE 1,1,1-TCA 1,1-DCE 7,400 100 17 28	Alloy brazing and heat treatment of metals facility	Kleinfelder, 1991
B	Diversey Wyandotte Corp. 8921 Dice Road	4 monitoring wells 4 extraction wells	0.8	1997	VOCs, PAHs	PCE TCE 1,1,1-TCA 1,1-DCE 38 210 64 590	Kerosene product on groundwater	Environmental Strategies, 1997
C	McKesson Corp. / Angeles Site 9005 Sorenson Ave.	23 monitoring wells	0.7	1994	VOCs	PCE TCE 1,1,1-TCA Meth. Chloride 1,1-DCE 15,000 14,300 114,000 48,700 11,800	Leaking UST / VOC release site	Geomatrix Consultants, 1995
D	Calavar Corp. 9200 Sorenson Ave.	not available	0.5	1997	VOCs	not available	RWQCB determines site is not source of VOCs found in groundwater (no further action required)	RWQCB Letter, 3/18/97
E	Oil Fields Reclamation Project	27 monitoring wells	0.6	1995	VOCs, TPH	TPH Benzene PCE TCE 110,000 2,200 830 300		various
F	PMC Specialties/Ferro Corp. 10051 S. Romandel	4 monitoring wells	0.4	1986	Cresyllic acid etc. TPH	TPH 120,000	Site manufactured cresyllic acid & naphthenic acid	Kleinfelder, 1986
G	Nadar Cleaners 13401-13473 E. Telegraph Rd.	8 monitoring wells	0.8	1997	VOCs	PCE TCE 39 3.2		SECOR, 1997
H	Ashland Chemical 10505 S. Painter Ave.	33 monitoring wells	0.7	1995	VOCs	PCE TCE 9,300 11,000	Leaking UST / VOC release site	Groundwater Technology, Inc., 1996
I	Yozya Development Shoemaker Industrial Park 10600 Shoemaker Ave.	6 monitoring wells	0.7	1988	VOCs	PCE TCE 1,1-DCE 120 370 1,600	Upgradient Ashland site suspected source of VOCs in groundwater	Maness Environmental, 1989
J	MC&C Commerce Center Florence & Shoemaker	4 monitoring wells	0.8	1991	VOCs, SVOCs	TCE 1,2-DCE total 21 130	Upgradient Ashland site suspected source of VOCs in groundwater	McLaren Hart, 1991

**NOTES**

VOCs = volatile organic compounds, SVOCs = semivolatile organic compounds, PAHs = polycyclic aromatic hydrocarbons, TPH = total petroleum hydrocarbons

PCE = tetrachloroethene, TCE = trichloroethene, TCA = trichloroethane, DCE = dichloroethene,  $\mu\text{g/L}$  = micrograms per liter

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